

PROCESS FOR MANUFACTURING A HONEYCOMB BODY, IN PARTICULAR A CATALYST CARRIER BODY, FORMED OF A PLURALITY OF ENTWINED BUNDLES OF SHEET METAL

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Abstract

A process for manufacturing a honeycomb body having a multiplicity of at least partly structured metal sheets defining a multiplicity of channels through which a fluid can flow includes stacking at least partly structured metal sheets into a plurality of bundles of metal sheets having ends. Each bundle is folded about a respective bending line defining a folded edge of each bundle and the folded edges are simultaneously or subsequently moved toward a central region. The ends of the folded bundles are entwined in the same direction, such as by rotating the central region and contracting a form surrounding the bundles. The entwined bundles are encased in a prefabricated jacket by pushing the entwined bundles into the prefabricated jacket or surrounding the entwined bundles with the prefabricated jacket.

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